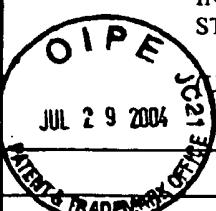


FORM PTO-1449		U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.	
				U 013609-7	09/914,198	
				APPLICANT		
				Tsuyoshi SANO, et al.		
(Use several sheets if necessary)		JUL 06 2004 PATENT & TRADEMARK OFFICE JC35	FILING DATE	GROUP		
			November 13, 2001	1755		
U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE	
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
C S	AL	62-1426	1/1987	JP		X
	AM	3-56573	8/1991	JP		X
	AN	3-79678	4/1991	JP		X
	AO	3-160068	7/1991	JP		X
	AP	4-18462	1/1992	JP		X
	AQ	4-76004	3/1992	JP		X
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)						
	AR					
	AS					
	AT					
EXAMINER	Cassie Shuster		DATE CONSIDERED	8/31/04		
EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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				November 13, 2001	1755

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
	AA				
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	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
CAS	AL	0 879 857	11/1998	EP		
	AM	10 315445	12/1998	JP		X
	AN	2 127482	5/1990	JP		X
	AO	11 228888	8/1999	JP		X
	AP	1 045 013	10/2000	EP		
✓	AQ	2000 198958	7/2000	JP		X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

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	AS	
	AT	

EXAMINER	<i>Calee Shultz</i>	DATE CONSIDERED	<i>8/31/04</i>
EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		